



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application:)
Takayuki KAWAHARA <u>et</u> <u>al</u> .) Group Art Unit: 3746
Application Number: 10/797,567) Examiner: To Be Assigned
Filed: March 11, 2004	Confirmation No. 4814
For: HYBRID COMPRESSOR)

INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENTS

Commissioner of Patents U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record by the U.S. Patent and Trademark Office (PTO) in the above-captioned patent application.

Applicants respectfully request that the Examiner consider these references and that the Examiner indicate that these enclosed references have been considered in this application by returning a copy of the form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

In accordance with 37 C.F.R. § 1.97(b), Applicants believe that this Information Disclosure Statement is submitted prior to issuance of a first Office Action on the merits. Therefore, no fees are believed due as a result of this submission. However, in the event of any

DC01:403118.1 -1-

variance between the fees determined by Applicants and those determined by the PTO, please charge any such variance to undersigned's Deposit Account No. 02-0375.

Respectfully submitted, BAKER BOTCS L.L.P.

Registration No. 33,470

James B. Arpin

Dated: November 10, 2004

Baker Botts L.L.P.
The Warner; Suite 130
1299 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2400
(202) 639-7700 (telephone)
(202) 639-7890 (facsimile)

JBA/dh

Enclosures

-2-

FORM PTO-1449 (Modified) (REV. 7-80) U.S. DEPARTMENT OF COMMERC PATENT AND TRADEMARK OFFICE										ATTY. DOCKET N	O.	APPLICATION NO.						
	A LICT OF DEFENENCES CITED DV ADDITIONAL										018907.0112 10/797,567							
OIP &	LIST OF REFERENCES CITED BY APPLICANT										APPLICANT							
	(Use several sheets if necessary)									Takayuki Kawahara <u>et al</u> .								
NOA 1 0	1 0 2004 말										FILING DATE		GRO	UP				
W.	0V 1 0 2004 E										March 11, 2004		3746					
PT THAU	EM				-		US	PATEN	T DOCUM	ENT	'S	1_						
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE		NAME	CL	ASS	SUBCLASS	FILIN IF APP	NG DATE PROPRIATE		
		0	0	5	3	9	1	6	3/20/03	-	Terauchi							
		0	1	5	2	4	6	7	8/14/03		Higashiyama <u>et</u> <u>al</u> .							
		0	1	3	6	1	3	8	7/24/03		Tsuboi <u>et al</u> .							
		5	3	8	5	4	5	3	1/31/95		Fogt et al.							
		5	4	3	5	1	4	4	7/25/95		Kalmbach				<u> </u>			
		5	8	6	7	9	9	6	2/9/99		Takano et al.				<u> </u>			
		5	9	8	3	6	5	6	11/16/99		Tokumasu							
		6	1	0	9	0	4	5	8/29/00	-+	Takenaka				<u> </u>			
		6	1	9	2	1	5	5	2/20/01		Fan				↓			
		6	2	1	7	2	9	7	4/17/01		Tsumagari et al.							
-	ı n	T	-			F	OREIC	N PAT	ENT DOCU	JME	NTS			<u> </u>	TD 4 NICI	477001		
				DOC	JMENT NU	MBER			DATE		COUNTRY	CLASS	SUI	BCLASS	YES	NO		
		6	8	7	6	7	8		12/22/84	Japa	an (with abstract)	-				х		
		60	1	-5-	-3	8	8	5	10/14/85	Jap	an					х		
									1:	<	2							
-											FROM							
											P9 3							
-				OTHE	R DOC	UMEN	TS (Inc	cluding	Author, Titl	le, D	ate, Pertinent Pages, et	.c.)						
				<u>.</u>														
EXAMI	NER								DATE	CONS	SIDERED							
											nce with MPEP 609; D on to applicant.	raw lin	e thro	ough cita	tion if	not in		

FORM PTO-1449 (Modified) (REV. 7-80) U.S. DEPARTMENT OF C PATENT AND TRADEMA												LICATI	TION NO.					
(IUL	018907.0112							
LIST OF REFERENCES CITED BY APPLICANT											APPLICANT							
. (Use several sheets if necessary)											Takayuki Kawahara <u>et al</u> .							
										FILING DATE		GRO	OUP					
						March 11, 2004	March 11, 2004 3746											
							rs				-							
*EXAMINER INITIAL				DOC	CUMENT NU	JMBER	0.0.1		T DOCUM DATE		NAME	CI	LASS	SUBCLASS	FILI IF API	NG DATE PROPRIATE		
	2003	0	0	5	3	9	1	6	3/20/03		Terauchi							
	2003	0	1	5	2	4	6	7	8/14/03		Higashiyama et al.							
	2003	0	1	3	6	1	3	8	7/24/03		Tsuboi <u>et al</u> .							
		5	3	8	5	4	5	3	1/31/95		Fogt et al.							
		5	4	3	5	1	4	4	7/25/95		Kalmbach							
		5	8	6	7	9	9	6	2/9/99		Takano <u>et</u> <u>al</u> .							
		5	9	8	3	6	5	6	11/16/99		Tokumasu							
		6	1	0	9	0	4	5	8/29/00		Takenaka				_			
		6	1	9	2	1	5	5	2/20/01	_	Fan				<u> </u>			
		6	2	1	7	2	9	7	4/17/01		Tsumagari et al.				<u> </u>			
FOREIGN PATENT DOCUM										JME	ENTS							
		DOCUMENT NUMBER							DATE		COUNTRY	CLASS	; S	UBCLASS	YES	NO		
		6	8	7	6	7	8		12/22/84	Jap	oan (with abstract)					х		
		60	1	5	3	8	8	5	10/14/85	Jap	oan					х		
												_						
													\perp					
				OTHE	R DOC	UMEN	TS (Inc	luding	Author, Tit	le, D	Pate, Pertinent Pages, e	tc.)						
EXAM	NER								DATE (CON	SIDERED							
											ance with MPEP 609; Dion to applicant.	raw lii	ne thr	ough cita	tion if	not in		

(REV. 7-80) PATENT AND TRADEMARK OFFICE											ATTY. DOCKET NO. APPLICATION					Ο.	
(1027.7	-00)				1111	018907.0112 10/797,567											
	I	JST O	F REF	ERENC	CES CIT	APPLICANT											
			(Use	several	sheets	Takayuki Kawahara	<u>et al</u> .										
						FILING DATE		GR	OUP								
						March 11, 2004		374	6								
		· <u>-</u>			3	•											
*EXAMINER INITIAL				DOC	UMENT NU	IMBER			T DOCUMEN DATE	Τ	NAME	CI	.ASS	SUBCLASS	FILING DATE IF APPROPRIATE		
		6	2	3	0	5	0	7	5/15/01	В	an <u>et al</u> .						
		6	2	4	7	8	9	9	6/19/01	В	San <u>et al</u> .						
		6	2	8	7	0	8	1	9/11/01	Т	amegai <u>et</u> <u>al</u> .						
		6	2	3	4	7	6	9	5/22/01	S	akai <u>et al</u> .						
		6	3	3	4	7	5	5	1/1/02	С	Coudray et al.						
		6	3	7	5	4	. 3	6	4/23/02	Ir	Irie et al.						
		6	4	4	3	7	1	2	9/3/02	S	Sakai <u>et al</u> .						
		6	5	4	3	2	4	3	4/8/03	M	Aohrmann et al.						
	2004	0	0	2	0	2	2	9	2/5/04	A	dachi <u>et al</u> .					1.1.	
	2004	0	0	0	0	1	5	6	1/1/04	Ir	noue <u>et al</u> .						
	FOREIGN PATENT DOCUM)TS						
				DOCL	JMENT NU	MBER			DATE		COUNTRY CL			UBCLASS	YES	NO	
	· ·																
		_															
													1				
				OTHE	R DOC	UMEN	TS (Inc	luding	Author, Title,	Dat	te, Pertinent Pages, et	c.)					
EXAMI	NER								DATE CO	DATE CONSIDERED							
									on is in conform		ce with MPEP 609; D n to applicant.	raw lii	ne thr	ough cita	tion if	not in	

	_															_		
FORM PTO-1449 (Modified) (REV. 7-80) U.S. DEPARTMENT OF CO											ATTY. DOCKET N	PLICATION NO.						
										ICL	018907.0112 10/797,567							
LIST OF REFERENCES CITED BY APPLICANT											APPLICANT							
			(Use	several	l sheets	Takayuki Kawahara et al.												
								FILING DATE		GRO	OUP							
						March 11, 2004 3746												
					_		'S											
*EXAMINER INITIAL			,	DOC	CUMENT N	JMBER			DATE		NAME	CL	ASS	SUBCLASS	FILL!	NG DATE PROPRIATE		
		4	5	9	1	3	1	8	5/27/86		Elson							
		4	9	9	0	0	7	1	2/5/91		Sugimoto							
		5	7	5	5	5	6	4	5/26/98		Machida <u>et</u> <u>al</u> .							
		0	0	0	1	7	6	0	1/1/04		Yoshii <u>et al</u> .							
	2001	0	0	4	9	9	4	3	12/13/01		Nakamura <u>et</u> <u>al</u> .							
	2001	0	0	4	7	6	5	9	12/6/01		Nakamura <u>et</u> <u>al</u> .							
	2004	0	2	1	1	1	9	7	10/28/04		Higashiyama <u>et</u> <u>al</u> .							
													_					
							<u> </u>					<u> </u>		_				
FOREIGN PATENT DOCUMENTS																		
				DOCU	JMENT NU	JMBER			DATE		COUNTRY	CLASS	SI	JBCLASS	YES	NO		
		1	2	1	3	1	6	6	6/12/02	Eur	оре				х	,		
		1	9	5	1	3	7	10	10/26/95	Ger	many (with abstract)					х		
				OTHE	R DOC	UMEN	TS (Inc	luding	Author, Titl	e, D	ate, Pertinent Pages, e	tc.)						
															<u>.</u>			
											<u>, , , , , , , , , , , , , , , , , , , </u>							
									<u> </u>									
EXAMI	NER								DATE C	CON	SIDERED							
											nce with MPEP 609; Don to applicant.	raw lir	ne thr	ough cita	tion if	not in		